

WALL MOUNT



DUCT MOUNT



Proudly



MADE IN USA



What's new

- All in one CO₂, CO, and VOC Multi-gas sensor
- AdaptiveSense™ Technology (AST) lifetime maintenance free calibration
- Signal Output can be 0-5V, 0-10V, or 4-20mA
- AirSense™ CO₂ sensors can be configured for 24-hours occupancy facilities (per-customer's request)

Conservation



About 15% lower cost!

The AirSense 350 series multi-gas sensor does more for less! Priced about 15% lower cost than its predecessor, the Model 350 offers expanded versatility for less money.

Efficiency



Energy-Efficiency!

The AirSense™ 350 series draws *less energy* than previous generations of multi-gas sensors! This is thanks to our integrated Power Management Software, which operates with such efficiency that you will save money and reduce your carbon footprint!

Performance



Reliability!

All of our AirSense™ CO₂ sensors feature our exclusive new patented AdaptiveSense Technology (AST), ensuring unprecedented accuracy, stability and lifetime maintenance free calibration. For 24-hours occupancy facilities, chose the AirSense™ model with 24-hour occupancy capabilities.

Model 350 Series

Multi-gas sensor

It's not just for CO₂ sensing any more!

The AirSense Model 350 is our first multi-gas sensor. Order any of the following sensors, separately or in any combination:

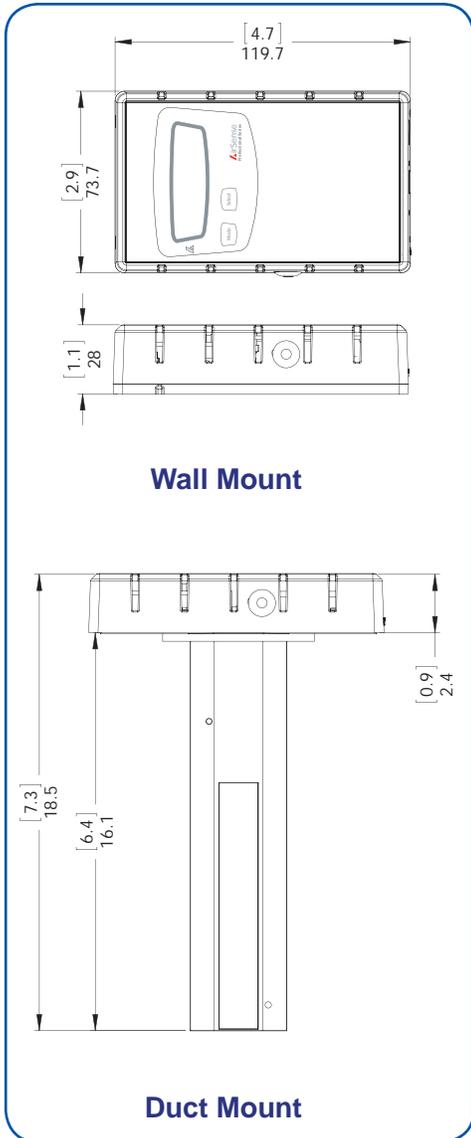
- Carbon Dioxide (CO₂)
- Carbon Monoxide (CO)
- Volatile Organic Compounds (VOC)

Responsibility



Made in America

AirSense always has been and always will be designed and manufactured in America!



CARBON DIOXIDE SENSOR (CO ₂)	
Parameter	Value
Operating Principle	Non-dispersive infrared (NDIR)
Gas Sampling Method	Diffusion
Measurement Range	0-2000 ppm (Other ranges available by request)
Repeatability	± 20 ppm CO ₂
Measurement Accuracy	± 30 ppm ± 2% of reading
Recommended Calibration Interval	AST lifetime maintenance free calibration
Warm Up Time	Less than 1 minute
Power Requirements	18 - 30 VDC or 18 - 28 Vrms AC
Operating Temperature Range	32 - 122 °F (0 - 50 °C)
Operating Humidity Range	0 - 99% RH, non-condensing
Voltage Output (linear)	0 - 5 or 0 - 10 VDC full-scale standard
Optional Current Output (linear)	4-20 mA R _{LOOP} < 600 Ω
Calibration (only 24-hr occupancy models)	ONE Point : Single-button calibration (Patented)
Dimensions	4.5 x 2.8 x 0.9 inches
Warranty	18 Months

CARBON MONOXIDE SENSOR (CO)		
Parameter	Value	Comments
Sensor type	Electrochemical	
Measurement range	0 – 200 ppm CO	
Accuracy	± 2.5% of full scale	0 – 50 °C
Recommended Calibration Interval	2 years	
Sensor Life	5 years typical	Actual life depends on ambient humidity & temperature. Replacement modules are available.

VOLATILE ORGANIC COMPOUND SENSOR (VOC)	
Parameter	Value
VOCs detected	Alcohols, aldehydes, ketones, organic acids, amines, aliphatic and aromatic hydrocarbons
Typical response time	<1 minute to 90% full scale
Warm-up time	2 Hours

Mount style	Description	Optional Relay	Optional Piezo Alarm	Occupancy
W	Wall-mount	R Relay included	A Alarm included	24 24-hr occupancy
D	Duct-mount	Blank No relay	Blank No Alarm	Blank normal setting

Ordering Table	
Series	Gas sensor
350	CO ₂
351	CO
352	VOC
353	CO ₂ /CO
354	CO ₂ /VOC
355	CO/VOC
356	CO ₂ /CO/VOC (duct only)

